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Date of Deposit 6/26/03

Our File No. 9281-4621
Client Reference No. K2F US99641

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	
Miki Ono et al.)	
)	
Serial No. To Be Assigned)	
)	
Filing Date: Herewith)	Group Art Unit: 2828
)	
For: Optical Semiconductor Device)	
Provided with High-NA Lens)	

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to the obligation under 37 C.F.R. 1.56 and in conformance with 37 C.F.R. 1.97-1.99, Applicants hereby submit references A1 – A7 listed on the attached form PTO-1449 for consideration by the Examiner. Copies of the references are enclosed herewith.

Japanese Unexamined Patent Application Publication No. 11-295561 discloses an aspheric lens arranged in the V-shaped groove of the silicon substrate.

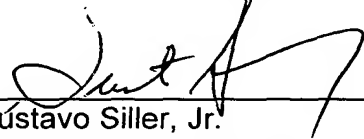
The filing of this Information Disclosure Statement does not constitute an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. Section 1.56(b). Further, Applicants reserve the right to contest these references as prior art against the present application, and Applicants do not believe that the disclosure of these references, even if finally determined to be prior art, anticipates Applicants' invention or that these references make Applicants' invention obvious.

No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be

deemed necessary for any reason relating to this material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925.

Applicants respectfully request that the Examiner review the entire disclosure of these documents and make them of record.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Gustavo Siller, Jr.", is written over a horizontal line.

Gustavo Siller, Jr.
Registration No. 32,305
Attorney for Applicants

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FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	SERIAL NO. TO BE ASSIGNED	CASE NO. 9281-4621
	FILING DATE HEREWITH	GROUP ART UNIT
	APPLICANTS: Miki Ono et al.	

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	5,555,333	09/1996	Kato		
	A2	5,706,371	01/1998	Pan		
	A3	5,852,696	12/1998	Collins et al.		
	A4	5,966,488	10/1999	Miura et al.		
	A5	5,991,492	11/1999	Ota et al.		
	A6	6,172,997 B1	01/2001	Miyake et al.		

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES	NO
	A7	Japanese Unexamined Patent Application Publication No. 11-295561	10/29/1999	Japan		X (Partial)	

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.